

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9750	cachexia	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:04
L2	1712	melanocortin	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:05
L3	291	l1 and l2	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:05
L4	118	l3 and mc4	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:05
L5	114	l4 and antagonist	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:05
L6	44	l5 and weight adj loss	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:05
L7	2	l6 and @py<"2000"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:06
L8	5	l6 and @py<"2002"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:06
L9	6	l6 and @py<"2003"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:06
L10	17	l6 and @py<"2004"	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:16
L11	1141	marks near daniel	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:16
L12	172	marks adj daniel	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:16
L13	25	cone adj roger	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:16
L14	196	l12 or l13	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:17
L15	7	l14 and mc4	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:17

EAST Search History

L16	3	l15 and cachexia	US-PGPUB; USPAT; DERWENT	OR	ON	2006/07/17 13:17
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=> d his

(FILE 'HOME' ENTERED AT 13:26:22 ON 17 JUL 2006)

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 13:26:35 ON 17 JUL 2006

E MARKS DAINEL /AU

L1 9 S E6

E CONE ROGER /AU

L2 344 S E3 OR E5

L3 353 S L1 OR L2

L4 68 S L3 AND MC4

L5 11 S L4 AND CACHEXIA

L6 5 DUP REM L5 (6 DUPLICATES REMOVED)

L7 11064 S CACHEXIA

L8 6983 S MELANOCORTIN

L9 128 S L7 (L) L8

L10 63 S L9 AND MC4

L11 40 DUP REM L10 (23 DUPLICATES REMOVED)

L12 6 S L11 AND PY<2002

L12 ANSWER 1 OF 6 MEDLINE on STN
 TI Role of the central melanocortin system in cachexia.
 PY 2001
 AU Marks D L; Ling N; Cone R D
 SO Cancer research, (2001 Feb 15) Vol. 61, No. 4, pp. 1432-8.
 Journal code: 2984705R. ISSN: 0008-5472.

L12 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Screening methods for compounds useful in the regulation of body weight
 PY 2001
 1999
 1999
 1999
 2002
 IN Lee, Frank; Huszar, Dennis; Gu, Wei
 SO U.S., 71 pp., Cont.-in-part of U.S. 5,932,779.
 CODEN: USXXAM

L12 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Screening compounds useful in the regulation of body weight using the
 melanocortin 4 receptor
 PY 1999
 1999
 2001
 1997
 1997
 1998
 2000
 1999
 1999
 2000
 2002
 2000
 IN Lee, Frank; Huszar, Dennis; Gu, Wei
 SO U.S., 47 pp.
 CODEN: USXXAM

L12 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2006 ACS on STN
 TI Melanocortin-4 receptor in screening for compounds useful in the
 regulation of body weight
 PY 1997
 1999
 1999
 1998
 2000
 1999
 2000
 2002
 IN Lee, Frank; Huszar, Dennis; Gu, Wei
 SO PCT Int. Appl., 111 pp.
 CODEN: PIXXD2

L12 ANSWER 5 OF 6 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
 TI Central melanocortin blockade prevents murine cancer-induced
 cachexia.
 PY 2001
 AU Marks, D. L. [Reprint author]; Miles, K. E.; Cone, R. D.
 SO Journal of Investigative Medicine, (January, 2001) Vol. 49, No.
 1, pp. 6A. print.
 Meeting Info.: Joint Regional Meeting of the Western Section American
 Federation for Medical Research, the Western Society for Clinical
 Investigation and the Western Association of Physicians. Carmel,
 California, USA. February 07-10, 2001. American Federation for Medical

Research, Western Section; Western Society for Clinical Investigation;
Western Association of Physicians.
ISSN: 1081-5589.

L12 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
TI Editorial: Hypothalamic melanocortin signaling in
cachexia.
PY 2001
AU Lechan, Ronald M. [Reprint author]; Tatro, Jeffrey B.
SO Endocrinology, (August, 2001) Vol. 142, No. 8, pp. 3288-3291.
print.
CODEN: ENDOAO. ISSN: 0013-7227.

=> d l12 1, 5-6 ti au py so kwic

L12 ANSWER 1 OF 6 MEDLINE on STN
TI Role of the central melanocortin system in cachexia.
AU Marks D L; Ling N; Cone R D
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TI Role of the central melanocortin system in cachexia.
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Journal code: 2984705R. ISSN: 0008-5472.
AB . . . acute or chronic diseases often show disorders of nutrient
balance. In some cases, a devastating state of malnutrition known as
cachexia arises, brought about by a synergistic combination of a
dramatic decrease in appetite and an increase in metabolism of fat and
lean body mass. Stimulation of the hypothalamic melanocortin 4
receptor (MC4-R) produces relative anorexia and increased
metabolic rate, even in a relatively starved state. Here we demonstrate
that cachexia induced by lipopolysaccharide administration and
by tumor growth is ameliorated by central MC4-R blockade.
MC4-R knock-out mice or mice administered the MC3-R/MC4
-R antagonist, agouti-related peptide, resist tumor-induced loss of lean
body mass, and maintain normal circadian activity patterns during tumor
growth. The final tumor mass is not affected in these animals, providing
further support for the potential role of MC4-R antagonism in
the treatment of cachexia in disease states.

L12 ANSWER 5 OF 6 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN
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SO Journal of Investigative Medicine, (January, 2001) Vol. 49, No.
1, pp. 6A. print.
Meeting Info.: Joint Regional Meeting of the Western Section American
Federation for . . .
GEN mouse MC4-R gene [mouse melanocortin-4 receptor gene] (Muridae)

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 print.
 CODEN: ENDOAO. ISSN: 0013-7227.
 IT . . .
 disposition, food intake regulator; lipopolysaccharide [LPS];
 melanocortin: hypothalamic signaling; neuroendocrine; type 3
 melanocortin receptor [MC3-R]: deletion; type 4 melanocortin receptor [
 MC4-R]: deletion